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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>Date Submitted: <u>April 14, 2003</u></p> <p>(use as many sheets as necessary)</p>				<p><b>Complete If Known</b></p>													
<p>Sheet <u>1</u> of <u>28</u></p>		<table border="1"> <tr> <td><b>Application Number</b></td> <td>10/603,891</td> </tr> <tr> <td><b>Filing Date</b></td> <td>06/24/2003</td> </tr> <tr> <td><b>First Named Inventor</b></td> <td>Kenneth F. Buechler</td> </tr> <tr> <td><b>Group Art Unit</b></td> <td>1641</td> </tr> <tr> <td><b>Examiner Name</b></td> <td>Unsu Jung</td> </tr> <tr> <td><b>Attorney Docket Number</b></td> <td>071949-6804</td> </tr> </table>				<b>Application Number</b>	10/603,891	<b>Filing Date</b>	06/24/2003	<b>First Named Inventor</b>	Kenneth F. Buechler	<b>Group Art Unit</b>	1641	<b>Examiner Name</b>	Unsu Jung	<b>Attorney Docket Number</b>	071949-6804
<b>Application Number</b>	10/603,891																
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				Examiner Name	Unsu Jung
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<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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	C1	Aggarwal et al., "Evaluation of serum lipid profile and cardiac enzyme changes in cerebrovascular accidents," <i>J/MA</i> , 93:331-332 (1995).					
	C2	Akiyama et al., "Changes in serum concentrations of matrix metalloproteins, tissue inhibitors of metallo proteinases and Type IV collagen in patients with various types of glomerulonephritis," <i>Res. Commun. In Mol. Path. and Pharm.</i> , 95(2): 115-128 (1997).					
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	C5	Ardissino, D. et al., "Tissue-factor antigen and activity in human coronary atherosclerotic plaques," <i>Lancet</i> 349:769-771 (1997).					
	C6	Asano, Y. et al., "Clinical Significance of surfactant protein D as a serum marker of evaluating pulmonary fibrosis in patients with systemic sclerosis," <i>Arthritis Rheum</i> 44(6):1363-9 (June 2001).					
	C7	Austgulen et al., "Increased maternal plasma levels of soluble adhesion molecules (ICAM-1, VCAM-1, E-selectin) in preclampsia," <i>Eur. J. Obstet. Gynecol. Reprod. Biol.</i> , 71:53-58 (1997).					
▼	C8	Badr-elDin et al., "Eosinophil cationic protein as a serological marker of disease activity in childhood bronchial asthma," <i>East Mediterr. Health J.</i> 5:664-75 (1999).					

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/U.J./	C9	Baker, T. et al., "Serum metalloproteinases and their inhibitors: markers for malignant potential," <i>Br. J. Cancer</i> 70:506-512 (1994).			T <sup>6</sup>
	C10	Balagopalakrishna, C. et al., "Modification of low density lipoproteins by erythrocytes and hemoglobin under hypoxic conditions," <i>Adv. Exp. Med. Biol.</i> 411:337-345 (1997).			
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	C14	Bayes-Genis, A. et al., "Elevated levels of plasmin- $\alpha$ 2 antiplasmin complexes in unstable angina," <i>Thromb. Haemost.</i> 81:865-68 (1999).			
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	C16	Benamer et al., "Comparison of the prognostic value of C-reactive protein and troponin I in patients with unstable angina pectoris," <i>Am. J. Cardiol.</i> 82:845-850 (1998).			
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	C19	Biasucci et al., "Episodic activation of the coagulation system in unstable angina does not elicit an acute phase reaction," <i>Am. J. of Cardiol.</i> 77:85-87 (1996).			
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/U.J./	C22	Biasucci et al., "Increasing levels of Interleukin (IL)-1Ra and IL-6 during the first 2 days of hospitalization in unstable angina are associated with increased risk of in-hospital coronary events," <i>Circulation</i> 99:2079-2084 (1999).				
	C23	Bitsch et al., "A longitudinal prospective study of soluble adhesion molecules in acute stroke," <i>Stroke</i> , 29:2129-2135 (1998).				
	C24	Blankaert et al., "Constitutive release of metalloproteinase-9 (92-kd Type IV collagenase) by Kaposi's sarcoma cells," <i>J. Acquir. Immune Defic. Syndr. Hum. Retrovirol.</i> 18:203-209 (1998).				
	C25	Blann et al., "Soluble intercellular adhesion molecule-1, E-selectin, vascular cell adhesion molecule-1 and von Willebrand factor in stroke," <i>Blood Coagul. Fibrinolysis</i> 10:277-284 (1999).				
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	C29	Bollensen et al., "Adenylate kinase enzyme activity in cases of brain infarction," <i>Acta Neurol. Scand.</i> 79:53-58 (1989).				
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	C31	Bonow, "New insights into the cardiac natriuretic peptides," <i>Circulation</i> 93:1946-1950 (1996).				
	C32	Bosznik et al., "Plasma levels of the chemokines monocyte chemotactic proteins-1 and -2 are elevated in human sepsis," <i>Blood</i> 86(10): 3841-3847 (1995).				
	C33	Bousquet et al., "Eosinophilic inflammation in asthma," <i>New Engl. J Med.</i> 323:1033-9 (1990).				
	C34	Bowen-Pope, D.F. et al., "Platelet-derived growth factor in vivo: levels, activity, and rate of clearance," <i>Blood</i> 64:458-469 (1984).				
✓	C35	Brooks and Ergul, "Identification of amino acid residues in the C-terminal tail of big endothelin-1 involved in processing to endothelin-1," <i>J. Mol. Endocrinol.</i> 21:307-15 (1998).				

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/U.J./	C36	Brown, D.L. et al., "Identification of 92-kd gelatinase in human coronary atherosclerotic lesions," <i>Circulation</i> 91:2125-2131 (1995).		T <sup>6</sup>
	C37	Caligari et al., "Immune system activation follows inflammation in unstable angina: pathogenetic implications," <i>J.Am. Coll. Cardiol.</i> 32:1295-1304 (1998).		
	C38	Carlstedt et al., "Proinflammatory cytokines, measured in a mixed population on arrival in the emergency department, are related to mortality and severity of disease," <i>Journal of Internal Medicine</i> 242:361-365 (1997).		
	C39	Carraro, U. and Franceschi, C., "Apoptosis of skeletal and cardiac muscles and physical exercise," <i>Aging (Milano)</i> 9:19-34 (1997).		
	C40	Carter et al., "Platelet GP IIIa P1A and GP Ib/variable number tandem repeat polymorphisms and markers of platelet activation in acute stroke," <i>Arterioscler. Thromb. Vasc.</i> 18:1124-1131 (1998).		
	C41	Carter et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i> 344:633-638 (1990).		
	C42	Carville, D.G. et al., "Thrombus precursor protein (TpP <sup>TM</sup> ): marker of thrombosis early in the pathogenesis of myocardial infarction," <i>Clin. Chem.</i> 42:1537-1541 (1996).		
	C43	Catto et al., "von Willebrand factor and factor VIII: C in acute cerebrovascular disease," <i>Thromb. Haemost.</i> 77:1104-8 (1997).		
	C44	Chong, B.H. et al., "Plasma P-selectin is increased in thrombotic consumptive platelet disorders," <i>Blood</i> 83:1535-1541 (1994).		
	C45	Colucciello, S.A., <i>EMR Textbook</i> , pp. 1-23 <a href="http://www.thrombosis-consult.com/articles/Texbook/54_pulmonary">http://www.thrombosis-consult.com/articles/Texbook/54_pulmonary</a> , printed 11/04/2002		
	C46	Cohen, A.M. et al., "Plasma clearance and tissue distribution of recombinant human platelet-derived growth factor (B-chain homodimer) in rats," <i>J. Surg. Res.</i> 49:447-452 (1990).		
	C47	Crouch, "Surfactant protein-D and pulmonary host defense," <i>Respir. Res.</i> 1: 93-108 (2000).		
▼	C48	Curzen et al., "Can C reactive protein or troponins T and I predict outcome in patients with intractable unstable angina?" <i>Heart</i> 80:23-27 (1998).		

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/U.J./	C49	D'Astou, M., "Diastolic Heart Failure," <i>Persp. In Cardiology</i> pp. 30-37 (May 2002).		
	C50	Dangas et al., "Correlation of serum lipoprotein(a) with the angiographic and clinical presentation of coronary artery disease," <i>Am. J. Cardiol.</i> 83:583-585 (1999).		
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	C55	De Caterina, R. et al., "Platelet activation in angina at rest. Evidence by paired measurement of plasma beta-thromboglobulin and platelet factor 4*," <i>Eur. Heart J.</i> 9:913-922 (1988).		
	C56	De Rose et al., "Circulating adhesion molecules in cystic fibrosis," <i>Am. J. Respir. Crit. Care Med.</i> 157: 1234-1239 (1998).		
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	C59	Dinerman, J.L. et al., "Increased neutrophil elastase release in unstable angina pectoris and acute myocardial infarction," <i>J. Am. Coll. Cardiol.</i> 15:1559-1563 (1990).		
	C60	Doubell, A.F. et al., "Identification and immunolocalisation of annexins V and VI, the major cardiac annexins, in rat heart," <i>Cardiovasc. Res.</i> 27:1359-1367 (1993).		
	C61	Dunlop, L.C. et al., "Characterization of GMP-140 (P-selectin) as a circulating plasma protein," <i>J. Exp. Med.</i> 175:1147-1150 (1992).		
▼	C62	Durany, N. and Carreras, J., "Distribution of phosphoglycerate mutase isozymes in rat, rabbit and human tissues," <i>Comp. Biochem. Physiol. B. Biochem. Mol. Biol.</i> 114B:217-223 (1996).		

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	C64	Eisenberg et al., "Interleukin 1 receptor antagonist is a member of the Interleukin 1 gene family: evolution of a cytokine control mechanism," <i>Proc. Nat. Acad. Sci. USA</i> , 88: 5232-5236 (1991).			
	C65	Emsley et al., "Crystal structure of the von Willebrand factor A1 domain and implications for the binding of platelet glycoprotein Ib," <i>Journal of Biological Chemistry</i> 273(17): 10396-10401, (1998).			
	C66	Endo et al., "Elevated levels of serum and plasma metalloproteinases in patients with gastric cancer," <i>Anticancer Research</i> 17:2253-2258 (1997).			
	C67	Endo, S. et al., "Plasma interleukin 8 and polymorphonuclear leukocyte elastase concentrations in patients with septic shock," <i>J. Inflamm.</i> 45:136-142 (1995).			
	C68	Eriksson, S. et al., "Leucocyte elastase as a marker in the diagnosis of acute appendicitis," <i>Eur. J. Surg.</i> 161:901-905 (1995).			
	C69	Ertenli, I. et al., "P-selectin as a circulating molecular marker in rheumatoid arthritis with thrombocytosis," <i>J. Rheumatol.</i> 25:1054-1058 (1998).			
	C70	Estrada et al., "High plasma levels of endothelin-1 and atrial natriuretic peptide in patients with acute ischemic stroke," <i>Am. J. of Hypertension</i> 7(12):1085-1089 (1994).			
	C71	Falciani, M. et al., "Elevated tissue factor and tissue factor pathway inhibitor circulating levels in ischemic heart disease patients," <i>Thromb. Haemost.</i> 79:495-499 (1998).			
	C72	Feinberg et al., "Hemostatic markers in acute ischemic stroke," <i>Stroke</i> 27:1296-1300 (1996).			
	C73	Portales, P.J. et al., "Utility of the serum biochemical markers CPK, CPK MB mass, myoglobin, and cardiac troponin T in a chest pain unit," <i>Rev. Esp. Cardio.</i> 55(9):913-20 (Sep 2002).			
↓	C74	Fernandes-Alnemri et al., "CPP32, a novel human apoptotic protein with homology to <i>Caenorhabditis elegans</i> cell death protein Ced-3 and mammalian interleukin-1 $\beta$ -converting enzyme," <i>Journal of Biological Chemistry</i> 269(49): 30761-30764 (1994).			

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,891
Date Submitted: <u>April 14, 2003</u>				Filing Date	06/24/2003
(use as many sheets as necessary)				First Named Inventor	Kenneth F. Buechler
Sheet	8	of	28	Group Art Unit	1641
				Examiner Name	Unsu Jung
				Attorney Docket Number	071949-6804

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/U.J./	C75	Fisher et al., "Serum concentrations and peripheral secretion of the beta chemokines monocyte chemoattractant protein 1 and macrophage inflammatory protein 1 $\alpha$ in alcoholic liver disease," <i>Gut</i> 45(3):416-420 (1999).		T <sup>6</sup>
	C76	Fon et al., "Hemostatic markers in acute transient ischemic attacks," <i>Stroke</i> 25(2): 282-286 (1994).		
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▼	C86	Gamble, J.R. et al., "Prevention of activated neutrophil adhesion to endothelium by soluble adhesion protein," <i>Science</i> 249:414-417 (1990).		

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/U.J./	C87	Gando, S. et al., "Increased neutrophil elastase, persistent intravascular coagulation, and decreased fibrinolytic activity in patients with posttraumatic acute respiratory distress syndrome," <i>J. Trauma</i> 42:1068-1072 (1997).			
	C88	Garbisa, S. et al., "Correlation of serum metalloproteinase levels with lung cancer metastasis and response to therapy," <i>Cancer Res.</i> 52:4548-4549 (1992).			
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	C91	George et al., "Evidence for altered hepatic matrix degradation in genetic haemochromatosis," <i>Gut</i> 42: 715-720 (1998).			
	C92	Ghaisas, N.K. et al., "Elevated levels of circulating soluble adhesion molecules in peripheral blood of patients with unstable angina," <i>Am. J. Cardiol.</i> 80:617-619 (1997).			
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	C94	Giambanco, I. et al., "Immunohistochemical localization of annexin V (CaBP33) in rat organs," <i>J. Histochem. Cytochem.</i> 39:P1189-1198 (1991).			
	C95	Glatz, J.F. et al., "Fatty-acid-binding protein as a plasma marker for the estimation of myocardial infarct size in humans," <i>Br. Heart J.</i> 71:135-140 (1994).			
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▼	C99	Goldhaber, S.Z., "Modern treatment of pulmonary embolism," <i>Eur. Respir. J. Suppl.</i> 35:22s-27s (2002).			

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,891
Date Submitted: <u>April 14, 2003</u>				Filing Date	08/24/2003
(use as many sheets as necessary)				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
Sheet	10	of	28	Attorney Docket Number	071949-6804

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/U.J./	C100	Goto et al., "Enhanced shear-induced platelet aggregation in acute myocardial infarction," <i>Circulation</i> 99:608-613 (1999).		T <sup>6</sup>
	C101	Grisolia, S. et al., "Influence of size, protein concentration, protein synthesis inhibitors, and carbon on clearance of enzymes and proteins from blood," <i>Physiol. Chem. Phys.</i> 8:37-52 (1976).		
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	C103	Gurfinkel, E. et al., "Importance of thrombosis and thrombolysis in silent ischaemia: comparison of patients with acute myocardial infarction and unstable angina," <i>Br. Heart J.</i> 71:151-55 (1994).		
	C104	Hammer-Lercher et al., "Head-to-head comparison of N-terminal pro-brain natriuretic peptide, brain natriuretic peptide and N-terminal pro-atrial natriuretic peptide in diagnosis left ventricular dysfunction," <i>Clin. Chim. Acta</i> 310(2):193-7 (2001).		
	C105	Hammerman, S.I. et al., "Endothelial cell nitric oxide production in acute chest syndrome," <i>Am. J. Physiol.</i> 277:H1579-H1592 (1999).		
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	C107	Harris, "Emergency management of acute asthma," <i>Aust. Fam. Physician</i> 31:802-06 (2002).		
	C108	Hasegawa, S. et al., "S100 $\alpha_0$ protein as a marker for tissue damage related to extracorporeal shock wave lithotripsy," <i>Eur. Urol.</i> 24:393-396 (1993).		
	C109	Hasegawa et al., "Increased levels of calbindin-D in serum and urine from patients treated by extracorporeal shock wave lithotripsy," <i>Journal of Urology</i> 149:1414-1418 (1993).		
	C110	Hayasaka et al., "Elevated plasma levels of matrix metalloproteinase-9 (92-kd type IV collagenase/gelatinase B) in hepatocellular carcinoma," <i>Hepatology</i> 24:1058-1062 (1996).		
▼	C111	Haznedaroglu, I.C. et al., "Selectins and IL-6 during the clinical course of idiopathic thrombocytopenic purpura," <i>Acta Haematol.</i> 101:16-20 (1999).		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,891
Date Submitted: April 14, 2003 (use as many sheets as necessary)				Filing Date	06/24/2003
				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
Sheet	11	of	28	Attorney Docket Number	071949-6804

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/U.J./	C112	Herraez-Dominguez, M.V. et al., "Immunological determination of muscle-type enolase in the serum as a diagnostic test for myocardial infarction," <i>Clin. Chim. Acta</i> 64:307-315 (1975).		T <sup>6</sup>
	C113	Hirashima et al., "Cerebrospinal fluid tissue factor and thrombin-antithrombin III complex as indicators of tissue injury after subarachnoid hemorrhage," <i>Stroke</i> 28:1666-1670 (1997).		
	C114	Hirashima et al., "Elevation of platelet activating factor, inflammatory cytokines, and coagulation factors in the internal jugular vein of patients with subarachnoid hemorrhage," <i>Neurochem. Res.</i> 22: 1249-1255 (1997).		
	C115	Hoffmeister, H.M. et al., "Alterations of coagulation and fibrinolytic and kallikrein-kinin systems in the acute and postacute phases in patients with unstable angina pectoris," <i>Circulation</i> 91:2520-27 (1995).		
	C116	Hoffmeister, H.M. et al., "Correlation between coronary morphology and molecular markers of fibrinolysis in unstable angina pectoris," <i>Atherosclerosis</i> 144:151-157 (1999).		
	C117	Hollander, J.E. et al., "Risk stratification of emergency department patients with acute coronary syndromes using P-selectin," <i>J. Am. Coll. Cardiol.</i> 34:95-105 (1999).		
	C118	Holvoet, P. et al., "Malondialdehyde-modified LDL as a marker of acute coronary syndromes," <i>JAMA</i> 281:1718-21 (1999).		
	C119	Holvoet, P., "Oxidative modification of low-density lipoproteins in atherosclerosis," <i>Acta Cardiol.</i> 53:253-260 (1998).		
	C120	Holvoet, P. et al., "Oxidized LDL and malondialdehyde-modified LDL in patients with acute coronary syndromes and stable coronary artery disease," <i>Circulation</i> 98:1487-94 (1998).		
	C121	Humes, D.H., <i>Kelley's Textbook of Internal Medicine</i> , 4 <sup>th</sup> Ed., Lippincott Williams & Wilkins, Philadelphia, PA, 2000, pp. 2349-2354, "Approach to the Patient With Dyspnea."		
	C122	Hunt et al., "The amino-terminal portion of Pro-brain natriuretic peptide (pro-BNP) circulates in human plasma," <i>Biochem. Biophys. Res. Commun.</i> 214:1175-1183 (1995).		
↓	C123	Iiyama, K. et al., "Patterns of vascular cell adhesion molecule-1 and intercellular adhesion molecule-1 expression in rabbit and mouse atherosclerotic lesions and at sites predisposed to lesion formation," <i>Circ. Res.</i> 85:199-207 (1999).		

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Date Submitted: April 14, 2003 (use as many sheets as necessary)				Filing Date	06/24/2003
				First Named Inventor	Kenneth F. Buechler
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/U.J./	C124	lizasa, T. <i>et al.</i> , "Elevated levels of circulating plasma matrix metalloproteinase 9 in non-small cell lung cancer patients," <i>Clin. Cancer Res.</i> 5:149-153 (1999).			
	C125	Ikeda, H. <i>et al.</i> , "Increased soluble form of P-selectin in patients with unstable angina," <i>Circulation</i> 92:1693-1696 (1995).			
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	C127	Isgro <i>et al.</i> , "A predictive parameter in patients with brain related complications after cardiac surgery," <i>Eur. J. Cardiothorac. Surg.</i> 11: 640-644 (1997).			
	C128	Ishii, J. <i>et al.</i> , "Serum concentrations of myoglobin vs human heart-type cytoplasmic fatty acid-binding protein in early detection of acute myocardial infarction," <i>Clin. Chem.</i> 43:1372-1378 (1997).			
	C129	Jacque <i>et al.</i> , "Myelin basic protein in CSF and blood," <i>Arch. Neurol.</i> , 39: 557-560, 1982.			
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	C133	Jimenez, W. <i>et al.</i> , "Nitric oxide production and inducible nitric oxide synthase expression in peritoneal macrophages of cirrhotic patients," <i>Hepatology</i> 30:670-676 (1999).			
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/U.J./	C137	Kai, H. et al., "Peripheral blood levels of matrix metalloproteinases-2 and -9 are elevated in patients with acute coronary syndromes," <i>J. Am. Coll. Cardiol.</i> 32:368-372 (1998).		T <sup>6</sup>
	C138	Kaikita, K. et al., "Soluble P-selectin is released into the coronary circulation after coronary spasm," <i>Circulation</i> 92:1726-1730 (1995).		
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▼	C148	Kienast, J. et al., "Prothrombin activation fragment 1 + 2 and thrombin antithrombin III complexes in patients with angina pectoris: relation to the presence and severity of coronary atherosclerosis," <i>Thromb. Haemost.</i> 70:550-553 (1993).		

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Date Submitted: <u>April 14, 2003</u>				Application Number	10/603,891
(use as many sheets as necessary)				Filing Date	06/24/2003
Sheet	14	of	28	First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
				Attorney Docket Number	071949-6804

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/U.J./	C149	Kikuchi, T. et al., "Clinical evaluation of serum S100 <sub>aa</sub> protein in patients with urogenital diseases and healthy volunteers," <i>Hinyokika Kiyo</i> 36:1117-1123 (1990).		
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	C157	Kosar, F. et al., "Plasma leukocyte elastase concentration and coronary artery disease," <i>Angiology</i> 49:193-201 (1998).		
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Sheet	16	of	28	Group Art Unit	1641
				Examiner Name	Unsu Jung
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Date Submitted: April 14, 2003				Filing Date	06/24/2003
(use as many sheets as necessary)				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
Sheet	20	of	28	Attorney Docket Number	071949-6804

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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/U.J./	C226	O'Connor, C.M. et al., "Usefulness of soluble and surface-bound P-selectin in detecting heightened platelet activity in patients with congestive heart failure," <i>Am. J. Cardiol.</i> 83:1345-1349 (1999).		T <sup>2</sup>
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				Examiner Name	Unsu Jung
				Attorney Docket Number	071949-6804

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/U.J./	C239	Plow, E.F. and Plescia, J., "Neutrophil secretion during blood coagulation: evidence for a prekallikrein independent pathway," <i>Thromb. Haemost.</i> 59:360-363 (1988).		T <sup>6</sup>
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▼	C301	Tomoda, H. and Aoki, N., "Plasma soluble P-selectin in acute myocardial infarction: effects of coronary recanalization therapy," <i>Angiology</i> 49:807-813 (1998).			

Examiner Signature	/Unsu Jung/	Date Considered	10/24/2007
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Sheet	26	of	28	Application Number	10/603,891
				Filing Date	06/24/2003
				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
				Attorney Docket Number	071949-6804

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>6</sup>
/U.J./	C302	Tousoulis et al., "Von Willebrand factor in patients evolving Q-wave versus non-Q-wave acute myocardial infarction," <i>Int. J. Cardiol.</i> 56:259-262 (1996).		
	C303	Trotter et al., "Immunoreactive myelin proteolipid protein-like activity in cerebrospinal fluid and serum of neurologically impaired patients," <i>Ann. Neurol.</i> , 14: 554-558 (1983).		
	C304	Tsujii, R. et al., "Human heart-type cytoplasmic fatty acid-binding protein in serum and urine during hyperacute myocardial infarction," <i>Int. J. Cardiol.</i> 41:209-217 (1993).		
	C305	Uchiyama et al., "Alterations of platelet, coagulation, and fibrinolysis markers in patients with acute ischemic stroke," <i>Semin. Thromb. Hemost.</i> 23: 535-541 (1997).		
	C306	Ushiyama, S. et al., "Structural and functional characterization of monomeric soluble P-selectin and comparison with membrane P-selectin," <i>J. Biol. Chem.</i> 268:15229-15237 (1993).		
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✓	C314	Venge, "Serum measurements of eosinophil cationic protein (ECP) in bronchial asthma," <i>Clinical and experimental allergy</i> , 23 ( 2):3-7 (1993).		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,891
Date Submitted: April 14, 2003				Filing Date	06/24/2003
(use as many sheets as necessary)				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
Sheet	27	of	28	Attorney Docket Number	071949-6804

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/U.J./	C315	Viera et al., "Isolation and expression of human cytokine synthesis inhibitory factor cDNA clones: homology to Epstein-Barr virus open reading frame BCRFI," <i>Proc. Natl. Acad Sci. USA</i> 88:1172-76 (1991).	
	C316	Virchow et al., "Sputum ECP levels correlate with parameters of airflow obstruction," <i>Am. Rev. Respir. Dis.</i> 146:604-6 (1992).	
	C317	Wallace, J.M. et al., "The assessment of platelet derived growth factor concentration in post myocardial infarction and stable angina patients," <i>Ann. Clin. Biochem.</i> 35:236-241 (1998).	
	C318	Ward et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546 (1989).	
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	C321	Wilson et al., "Simplified conjugation chemistry for coupling peptides to F(ab') fragments: autologous red cell agglutination assay for HIV-1 antibodies," <i>J. Immunol. Methods</i> 175:267-273 (1994).	
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Sheet <u>28</u>		of	<u>28</u>	Application Number	10/603,891
				Filing Date	06/24/2003
				First Named Inventor	Kenneth F. Buechler
				Group Art Unit	1641
				Examiner Name	Unsu Jung
				Attorney Docket Number	071949-6804

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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/U.J./	C328	Yarmush et al., "Coupling of antibody-binding fragments to solid-phase supports: site-directed binding of F(ab') <sub>2</sub> fragments," <i>J. Biochem. Biophys. Methods</i> 25:285-297 (1992).	
	C329	Yazdani, S. et al., "Percutaneous interventions alter the hemostatic profile of patients with unstable versus stable angina," <i>J Am Coll Cardiol</i> 30:1284-1287 (1997).	
	C330	Yoneda et al., "Identification of a novel adenylyl kinase system in the brain: Cloning of the fourth adenylyl kinase," <i>Mol. Brain Res.</i> 62:187-195 (1998).	
	C331	Yoshimoto, K. et al., "Human heart-type cytoplasmic fatty acid-binding protein as an indicator of acute myocardial infarction," <i>Heart Vessels</i> 10:304-309 (1995).	
	C332	Yoshimura et al., "Human monocyte chemoattractant protein-1 (MCP-1)," <i>FEBS Lett.</i> 244:487-493 (1989).	
	C333	Yoshitomi et al., "Plasma levels of adrenomedullin in patients with acute myocardial infarction," <i>Clin. Sci.</i> 94:135-9 (1998).	
	C334	Yukioka et al., "Plasma procalcitonin in sepsis and organ failure," <i>Ann. Acad. Med. Singapore</i> 30:528-31 (2001).	
▼	C335	Zucker et al., "Increased serum stromelysin-1 levels in systemic lupus erythematosus: lack of correlation with disease activity," <i>J. Rheumatol.</i> 26:78-80 (1999).	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/603,891
				Filing Date	6/24/2003
				First Named Inventor	Kenneth F. Buechler
				Art Unit	1641
				Examiner Name	Jung, Unsu
				Attorney Docket Number	071949-6804
Sheet 1		of 2			

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/U.J./	A1	2002/0052000	05-02-2002	Parthasarathy et al.	
	A2	5,482,935	01-09-1996	Adelman et al.	
↓	A3	5,604,105	02-18-1997	Jackowski	
	A4	6,040,147	03-21-2000	Ridker et al.	

<b>UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
/U.J./	A5	CA 2,323,685	04/18/2001	Massengill et al.	

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/U.J./	A6	Fassbender et al., "Changes in coagulation and fibrinolysis markers in acute ischemic stroke treated with recombinant tissue plasminogen activator." Stroke 30:2101-4, 1999.			
	A7	Felker et al., "Natriuretic peptides in the diagnosis and management of heart failure." CMAJ 175:611-617, 2006.			
	A8	Freitag et al., "Plasma brain natriuretic peptide levels and blood pressure tracking in the Framingham heart study." Hypertension 41:978-83, 2003.			
↓	A9	Kemp et al., "Biochemical markers of myocardial injury." Br. J. Anaesthesia 93(1):63-73, 2004.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/603,891
			Filing Date	6/24/2003
			First Named Inventor	Kenneth F. Buechler
			Art Unit	1641
			Examiner Name	Jung, Unsu
(use as many sheets as necessary)			Attorney Docket Number	071949-6804
Sheet	2	of	2	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/U.J./	A10	LeCapra et al., "The use of thrombus precursor protein, D-dimer, prothrombin fragment 1.2, and thrombin antithrombin in the exclusion of proximal deep vein thrombosis and pulmonary embolism." <i>Blood Coagulation Fibrinolysis</i> 11:371-7, 2000.		T <sup>6</sup>
/U.J./	A11	Singh et al., "Optimization technique in human gall bladder health care system." <i>The 1996 IEEE International Conference on Systems, Man and Cybernetics, Part 4 (of 4)</i> . Volume 4, p. 2855-2857.		
/U.J./	A12	Takebayashi et al., "Association between circulating monocyte chemoattractant protein-1 and urinary albumin excretion in nonobese Type 2 diabetic patients." <i>J. Diabetes and its Implications</i> . 20:98-104, 2006.		
/U.J./	A13	Watanabe et al., "Plasma levels of activated protein C-protein C inhibitor complex in patients with hypercoagulable states." <i>Am.J.Hematol.</i> 65:35-40, 2000.		

Examiner Signature	/Unsu Jung/	Date Considered	10/24/2007
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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## Complete if Known

Application Number	10/603,891
Filing Date	06/24/2003
First Named Inventor	Buechler et al.
Art Unit	1641
Examiner Name	Jung

Sheet 1 of 3

Attorney Docket Number 071949-6804

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		Serial Number-Kind Code <sup>2</sup> (if known)			

## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
/U.J./	A1	WO 96/032648	10-17-1996	Spectral Diagnostics, Inc.		
	A2	WO 00/052476	09-08-2000	Skye Pharmatech Incorporated		
	A3	WO 02/023191	03-21-2002	University of Sydney		
	A4	WO 02/059822	08-01-2002	Biowulf Technologies LLC		
↓	A5	WO 02/083913	10-24-2002	Biosite Diagnostics, Inc.		
	A6	WO 02/089657	11-14-2002	Biosite, Inc.		

## NON PATENT LITERATURE DOCUMENTS

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/U.J./	A7	AY et al., Creatine kinase-MB elevation after stroke is not cardiac in origin: Comparison with troponin T levels. Stroke 33:286-289, 2002.	
/U.J./	A8	BEN-DOR et al., Tissue classification with gene expression profiles. Proceedings of the Fourth Annual International Conference on Computational Molecular Biology, 2000, p. 54-64.	

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Date  
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10/24/2007

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,891
				Filing Date	06/24/2003
				First Named Inventor	Buechler et al.
				Art Unit	1641
				Examiner Name	Jung
(use as many sheets as necessary)				Attorney Docket Number	071949-6804
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>6</sup>
/U.J./	A9	FUTTERMAN et al., Novel markers in the acute coronary syndrome: BNP, IL-6, PAPP-A, American Journal of Critical care, 11(2): 168-172, 2002.			
	A10	LAMERS et al., Cerebrospinal neuron-specific enolase, S-100 and myelin basic protein in neurological disorders. Acta Neurologica Scand 92:247-251, 1995.			
	A11	PERSSON et al., S-100 protein and neuron-specific enolase in cerebrospinal fluid and serum: markers of cell damage in human central nervous system. Stroke 18:911-918, 1987.			
	A12	QUINN et al., D-Dimers in the diagnosis of pulmonary embolism. Am J Respir Crit Care Med 159:1445-1449, 1999.			
	A13	SAGNELLA, Measurement and significance of circulating natriuretic peptides in cardiovascular disease. Clinical Science 95:519-529, 1998.			
	A14	SCHNEIDER et al., Fuzzy logic-based tumor-marker profiles improved sensitivity in the diagnosis of lung cancer. International Journal of Clinical Oncology, Churchill Livingston Japan, 7(3): 145-151, 2002.			
	A15	SONEL et al., Prospective study correlating fibrinopeptide A, Troponin I, myoglobin and myosin light chain levels with early and late ischemic events in consecutive patients presenting to the emergency department with chest pain. Circulation 102:1107-1113, 2000.			
	A16	VEER et al., Gene expression profiling predicts clinical outcome of breast cancer. Nature, 415(6871): 530-536, 2002.			
	A17	VILLACORTA et al., The role of B-type natriuretic peptide in the diagnosis of congestive heart failure in patients presenting to an emergency department with dyspnea. Arq Bras Cardiol 79(6): 569-572, 2002.			
↓	A18	ZHANG et al., Recursive partitioning for tumor classification with gene expression microarray data. Proceedings of the National Academy of Sciences, 98(12): 6730-6735, 2001			

Examiner Signature	/Unsu Jung/	Date Considered	10/24/2007
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/U.J./	A19	European Search Report for EP Application No. 03 81 0896. <b>January 11, 2007</b>		
/U.J./	A20	Supplementary Partial European Search Report for EP Application EP 03 81 4398 <b>March 13, 2007</b>		

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